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L1	0	(264/32.22).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/11 09:29
L2	182	(264/36.22).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/11 09:32
L3	64	(264/36.1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/11 09:33
L4	1340	(carbon adj fiber\$2 carbon adj fibre\$2 glass near4 fibre\$2 glass near4 fiber\$2) same (epoxy epoxies) and repair\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/11 09:34
L5	18	(carbon adj fiber\$2 carbon adj fibre\$2 glass near4 fibre\$2 glass near4 fiber\$2) same (epoxy epoxies) and repair\$4 and liquid adj nitrogen	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/11 09:38
L6	238	(carbon adj fiber\$2 carbon adj fibre\$2 glass near4 fibre\$2 glass near4 fiber\$2) same (epoxy epoxies) and liquid adj nitrogen	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/11 09:45
L7	18	(carbon adj fiber\$2 carbon adj fibre\$2 glass near4 fibre\$2 glass near4 fiber\$2) same (epoxy epoxies) and thermal adj fatigue	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/11 09:50
L8	1773	(264/258,643).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/11 09:50
L9	1600	(264/258).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/11 10:11
L10	174	(264/643).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/11 09:53
L11	659	(264/48).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/11 10:00
L12	36	(264/480).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/11 10:02
L13	269	(264/642).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/11 10:02
L14	8	L9 and liquid adj nitrogen	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/11 10:11

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 K. Kasaba, K. Katagiri, A. Murakami, G. Sato, T. Sato, M. Murakami, N. Sakai, H. Teshima and M. Sawamura  
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2. ☐ **Fibreglass unidirectional composite to be used for ITER pre-compression rings • ARTICLE**  
*Fusion Engineering and Design, In Press, Corrected Proof, Available online 26 July 2005,*  
 Claudio Nardi, Livio Bettinali and Aldo Pizzuto  
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3. ☐ **High voltage breakdown studies of sol-gel MgO-ZrO<sub>2</sub> insulation coatings under various pressures at 298 K and 77 K • ARTICLE**  
*Physica C: Superconductivity, Volume 422, Issues 3-4, 1 June 2005, Pages 117-126*  
 O. Cakiroglu, L. Arda and Y.S. Hascicek  
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4. ☐ **Designing of epoxy resin systems for cryogenic use • ARTICLE**  
*Cryogenics, Volume 45, Issue 2, February 2005, Pages 141-148*  
 T. Ueki, S. Nishijima and Y. Izumi  
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5. ☐ **Damage trends in cryogenically cycled carbon/polymer composites • ARTICLE**  
*Composites Science and Technology, Volume 64, Issue 12, September 2004, Pages 1773-1784*  
 Vernon T. Bechel and Ran Y. Kim  
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6. ☐ **Frequency and amplitude dependence of quench current of Bi-2223/Ag HTS coil • ARTICLE**  
*Physica C: Superconductivity, Volumes 372-376, Part 3, August 2002, Pages 1398-1401*  
 Yasuaki Nakaya, Nozomu Nanato and Koichi Nakamura  
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7. ☐ **Mode I and II delamination fatigue crack growth behavior of alumina fiber/epoxy laminates in liquid nitrogen • ARTICLE**  
*International Journal of Fatigue, Volume 24, Issues 2-4, February-April 2002, Pages 109-118*  
 Masaki Hojo, Satoshi Matsuda, Bodo Fiedler, Takayoshi Kawada, Kiyoshi Moriya, Shojiro Ochiai and Hiroshi Aoyama  
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*International Journal of Refrigeration, In Press, Corrected Proof, Available online 15 August 2005,*  
Y. Hamamoto, K.C.A. Alam, B.B. Saha, S. Koyama, A. Akisawa and T. Kashiwagi  
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2. ☐ **Comparative study of removal of volatile organic compounds by cryogenic condensation and adsorption by activated carbon fiber • ARTICLE**  
*Separation and Purification Technology, Volume 39, Issues 1-2, October 2004, Pages 23-37*  
P. Dwivedi, V. Gaur, A. Sharma and N. Verma  
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3. ☐ **Interaction of hydrogen with carbon coils at low temperature • ARTICLE**  
*Carbon, Volume 42, Issue 2, 2004, Pages 331-335*  
Y. Furuya, T. Hashishin, H. Iwanaga, S. Motojima and Y. Hishikawa  
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4. ☐ **Effect of stacking sequence on micro-cracking in a cryogenically cycled carbon/bismaleimide composite • ARTICLE**  
*Composites Part A: Applied Science and Manufacturing, Volume 34, Issue 7, July 2003, Pages 663-672*  
Vernon T. Bechel, Mark B. Fredin, Steven L. Donaldson, Ran Y. Kim and John D. Camping  
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5. ☐ **Evaluation of mechanical behavior of CFRC transverse to the fiber direction at room and cryogenic temperature • ARTICLE**  
*Composites Part A: Applied Science and Manufacturing, Volume 31, Issue 2, February 2000, Pages 173-179*  
M. Hussain, A. Nakahira, S. Nishijima and K. Niihara  
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2. ☐ **Fibreglass unidirectional composite to be used for ITER pre-compression rings • ARTICLE**  
*Fusion Engineering and Design, In Press, Corrected Proof, Available online 26 July 2005,*  
Claudio Nardi, Livio Bettinali and Aldo Pizzuto  
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3. ☐ **Electron paramagnetic resonance study of 3,4,5-trimethoxytetraphenyl porphyrinoxovanadium (IV) complex • ARTICLE**  
*Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, In Press, Corrected Proof, Available online 18 July 2005,*  
Swati Sharma, Anil Kumar, Prem Chand, B.K. Sharma and Sabyasachi Sarkar  
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4. ☐ **Characterization of Mode I fatigue crack growth in GFRP woven laminates at low temperatures • ARTICLE**  
*Acta Materialia, Volume 53, Issue 5, March 2005, Pages 1389-1396*  
Yasuhide Shindo, Akihiro Inamoto and Fumio Narita  
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5. ☐ **Inert failure strain studies of sodium silicate glass fibers • ARTICLE**  
*Journal of Non-Crystalline Solids, Volume 349, 1 December 2004, Pages 168-172*  
Nathan P. Lower, Richard K. Brow and Charles R. Kurkjian  
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6. ☐ **Longevity of cryogenically stored seeds • ARTICLE**  
*Cryobiology, Volume 48, Issue 3, June 2004, Pages 229-244*  
Christina Walters, Lana Wheeler and Phillip C. Stanwood  
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7. ☐ **Hall effect in Al-W thin films • ARTICLE**  
*Solid State Communications, Volume 129, Issue 6, February 2004, Pages 369-373*  
J. Ivkov, N. Radić and A. Tonejc  
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*Composites Science and Technology, Volume 66, Issue 1, January 2006, Pages 61-68*  
 Ramin Hosseinzadeh, Mahmood Mehrdad Shokrieh and Larry Lessard  
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2. ☐ **Fatigue of reinforced-polyurethane-based, sheet metal forming dies • ARTICLE**  
*International Journal of Fatigue, Volume 28, Issue 1, January 2006, Pages 43-52*  
 Young-Bin Park and Jonathan S. Colton  
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3. ☐ **Stimulation of neurite outgrowth by neurotrophins delivered from degradable hydrogels • ARTICLE**  
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 Jason A. Burdick, Matthew Ward, Ellen Liang, Michael J. Young and Robert Langer  
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4. ☐ **Retardation and repair of fatigue cracks in a microcapsule toughened epoxy composite – Part I: Manual infiltration • ARTICLE**  
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 E.N. Brown, S.R. White and N.R. Sottos  
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 E.N. Brown, S.R. White and N.R. Sottos  
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6. ☐ **Damage tolerance assessment of composite sandwich panels with localised damage • ARTICLE**  
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 Dan Zenkert, Andrey Shipsha, Peter Bull and Brian Hayman  
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7. ☐ **Applicator exposure to acetochlor based on biomonitoring • ARTICLE**  
*Regulatory Toxicology and Pharmacology, Volume 43, Issue 2, November 2005, Pages 141-149*  
 Christophe A. Gustin, Sharon J. Moran, John D. Fuhrman, Mitchell L. Kurtzweil, Joel M. Kronenberg, David I. Gustafson and Monte A. Marshall  
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3. [Effect of Fiber Rupture on Tensile Properties of Short Fiber Composites](#). By: Maalej, Mohamed; Li, Victor C.; Hashida, Toshiyuki. Journal of Engineering Mechanics, Aug95, Vol. 121 Issue 8, p903, 11p; (AN 6784568)

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*Journal of Biomechanics, In Press, Corrected Proof, Available online 12 July 2005,*  
Robert F. Bigley, Lanny V. Griffin, Lisa Christensen and Ryan Vandenbosch  
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2. ☐ **In vivo and mechanical properties of peritoneum/fascia as a novel arterial substitute • ARTICLE**  
*Journal of Vascular Surgery, Volume 41, Issue 3, March 2005, Pages 490-497*  
Timur P. Sarac, Kevin Carnevale, Nickolas Smedira, Eugene Tanquilut, Peter Augustinos, Ankita Patel, Theresa Naska, Daniel Clair and Kenneth Ouriel  
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4. ☐ **The fixation proximal femur nailing system: biomechanical properties of the nail and a cadaveric study • ARTICLE**  
*Journal of Biomechanics, Volume 38, Issue 1, January 2005, Pages 63-68*  
Ely L Steinberg, Nehemia Blumberg and Shmuel Dekel  
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5. ☐ **Osteon pullout in the equine third metacarpal bone: effects of ex vivo fatigue • ARTICLE**  
*Journal of Orthopaedic Research, Volume 21, Issue 3, 2003, Pages 481-488*  
L. P. Hiller, S. M. Stover, V. A. Gibson, J. C. Gibeling, C. S. Prater, S. J. Hazelwood, O. C. Yeh and R. B. Martin  
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6. ☐ **Effect of suture locking and suture caliber on fatigue strength of flexor tendon repairs • ARTICLE**  
*The Journal of Hand Surgery, Volume 26, Issue 2, March 2001, Pages 340-346*  
Kimberly A. Barrie, Sanda L. Tomak, Jacek Cholewicki, Greg A. Merrell and Scott W. Wolfe  
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7. ☐ **Measurement of the cyclic bridging law in a titanium matrix composite and its application to simulating crack growth • ARTICLE**  
*Acta Materialia, Volume 45, Issue 12, December 1997, Pages 5203-5211*  
S.J. Connell and F.W. Zok



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*Materials Science and Engineering A, Volume 345, Issues 1-2, 25 March 2003, Pages 28-35*  
Wen Yang, Tetsuji Noda, Hiroshi Araki, Jinnan Yu and Akira Kohyama  
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2. ☐ **Fabrication and characterisation of SiC fibre reinforced lithium- $\alpha$ -sialon matrix composites • ARTICLE**  
*Composites Part A: Applied Science and Manufacturing, Volume 33, Issue 5, May 2002, Pages 621-629*  
Z. B. Yu, D. P. Thompson and A. R. Bhatti  
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3. ☐ **Synergistic roles of carbon fibres and  $ZrO_2$  particles in strengthening and toughening Li- $\alpha$ -sialon composites • ARTICLE**  
*Journal of the European Ceramic Society, Volume 22, Issue 2, February 2002, Pages 225-235*  
Z. B. Yu, D. P. Thompson and A. R. Bhatti  
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4. ☐ **Dynamic effect on strength in  $SiC_f/SiC_m$  composite • ARTICLE**  
*International Journal of Impact Engineering, Volume 25, Issue 1, January 2001, Pages 29-40*  
M. Futakawa, Y Tanabe, T. Wakui, H. Kogawa, R. Hino and M. Eto  
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5. ☐ **Mechanical properties of alumina fiber/glass matrix composites with and without a tin dioxide interface • ARTICLE**  
*Materials Science and Engineering A, Volume 268, Issues 1-2, 15 August 1999, Pages 47-54*  
Ramanan Venkatesh  
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*Composites Part A: Applied Science and Manufacturing, Volume 28, Issue 6, 1997, Pages 581-586*  
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*Cryogenics, Volume 45, Issue 6, June 2005, Pages 439-449*  
Yasuhide Shindo, Mayumi Sumikawa, Fumio Narita and Kazuaki Sanada  
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2. ☐ **Characterization of Mode I fatigue crack growth in GFRP woven laminates at low temperatures •**  
ARTICLE  
*Acta Materialia, Volume 53, Issue 5, March 2005, Pages 1389-1396*  
Yasuhide Shindo, Akihiro Inamoto and Fumio Narita  
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3. ☐ **A study on the surface flashover characteristics for a HTS cable termination •** ARTICLE  
*Cryogenics, Volume 45, Issue 1, January 2005, Pages 51-55*  
Seung-Myeong Baek, Hee-Seok Ryoo and Sang-Hyun Kim  
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*International Immunopharmacology, Volume 1, Issue 8, August 2001, Pages 1525-1541*  
Paul Forsythe, Mark Gilchrist, Marianne Kulka and A. Dean Befus  
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5. ☐ **Electrode discharge for plasma surface treatment of polymeric materials •** ARTICLE  
*Journal of Materials Processing Technology, Volume 58, Issue 1, 1 March 1996, Pages 96-99*  
F. Caiazzo, P. Canonico, R. Nigro and V. Tagliaferri  
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*Wear, Volume 159, Issue 1, 2 November 1992, Pages 107-114*  
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*Cement and Concrete Research, Volume 35, Issue 6, June 2005, Pages 1195-1203*  
 Vivian W.Y. Tam, X.F. Gao and C.M. Tam  
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5. ☐ **Towards bone replacement materials from calcium phosphates via rapid prototyping and ceramic gelcasting • ARTICLE**  
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 A. Woesz, M. Rumpler, J. Stampfl, F. Varga, N. Fratzl-Zelman, P. Roschger, K. Klaushofer and P. Fratzl  
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*Intermetallics, Volume 13, Issue 11, November 2005, Pages 1146-1156*  
 Jin-Kook Yoon, Gyeong-Ho Kim, Jun-Hyun Han, In-Jin Shon, Jung-Mann Doh and Kyung-Tae Hong  
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2. ☐ **Cu-ZSM-5 zeolite highly active in reduction of NO with decane under water vapor presence: Comparison of decane, propane and propene by in situ FTIR • ARTICLE**  
*Applied Catalysis B: Environmental, Volume 60, Issues 3-4, 3 October 2005, Pages 201-210*  
 L. Čapek, K. Novoveská, Z. Sobalík, B. Wichterlová, L. Cider and E. Jobson  
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3. ☐ **Compressive mechanical properties of Sm123 bulk superconductor at liquid nitrogen temperature • ARTICLE**  
*Physica C: Superconductivity, Volumes 426-431, Part 1, 1 October 2005, Pages 644-648*  
 A. Murakami, K. Katagiri, R. Kan, H. Miyata, Y. Shoji, K. Noto, A. Iwamoto and T. Mito  
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 K. Katagiri, T. Sato, A. Murakami, K. Kasaba, Y. Shoji, K. Noto, H. Teshima and M. Sawamura  
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5. ☐ **The effect of the carbon and nitrogen contents on the fracture toughness of Type 347 austenitic stainless steels • ARTICLE**  
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 One Yoo, Yong-Jun Oh, Bong-Sang Lee and Soo Woo Nam  
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